

Message Text

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FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW

UNCLAS STATE 304328

E.O. 11652:

TAGS: US,UR,TECH,TGEN,ENRG

SUBJECT: CONTROLLED THERMONUCLEAR RESEARCH 07.0306
FUSION-FISSION WORKSHOP 1977

1. PLEASE DELIVER FOLLOWING LETTER TO E. P. VELIKHOV,
KURCHATOV INSTITUTE, WITH COPY TO B. A. SEMENOV, SCAE.
2. DEAR EVGENIY:
3. DR. R. KOSTOFF ENJOYED HIS CONVERSATION WITH YOU ABOUT
THE POPOSED FUSION-FISSION WORKSHOP, FOUND IT TO BE QUITE
INFORMATIVE, AND WOULD LIKE TO SUMMARIZE BRIEFLY THE ISSUES
WHICH WERE AGREED UPON RELATIVE TO THE WORKSHOP.

A) SCOPE

THE WORKSHOP WILL EXAMINE ISSUES OF HYBRID DESIGN AND
UTILIZATION WITHIN THE CONTEXT OF TOTAL NUCLEAR FUEL
UTILIZATION. SPECIFICALLY, PAPERS PRESENTED WILL COVER,
BUT NOT BE LIMITED TO, SUBJECTS OUTLINED IN THE PRELIMINARY
AGENDA WHICH I TRANSMITTED TO YOU ON MONDAY, NOVEMBER 15.
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THESE TOPICS INCLUDE CLASSIFICATION OF FUSION-DRIVEN

FERTILE BLANKET SYSTEMS, HYBRID MICROECONOMICS AND
MACROECONOMICS, COMPARISON OF TOROIDAL, SPHERICAL, AND
CYLINDRICAL FUSION CORE CONFINEMENT CONCEPTS, FUEL CYCLES,
BLANKET NEUTRONICS AND STRUCTURES, DISPOSAL OF RADIOACTIVE
WASTES, REPROCESSING OF FUEL, RADIOACTIVE RELEASES TO THE
ENVIRONMENT, AND FUSION-FISSION SYSTEMS INTEGRATION ISSUES.
TO AID IN PERSONNEL SELECTION OF THE AMERICAN CONTINGENT,
COULD YOU PLEASE TRANSMIT TO ME A PRELIMINARY COPY OF THE
SOVIET AGENDA OF SPECIFIC TOPICS BY JANUARY 7. THIS WAY,
WE COULD ARRIVE AT A FINAL AGENDA BY JANUARY 31.

B) SCHEDULE

TO FACILITATE THE LOGISTICS PLANNING FOR THE AMERICAN
CONTINGENT, WE NEED TO KNOW THE EXACT TIMES AND LOCATIONS
OF ALL THE WORKSHOP SESSIONS AND ASSOCIATED TOURS BY
JANUARY 31. THE ONLY LOGISTICAL INFORMATION I HAVE
PRESENTLY CONCERNING THE WORKSHOP IS THAT IT IS DUE TO
START IN LATE MARCH OF 1977, WILL LAST ABOUT THREE WEEKS,
AND WILL BE LOCATED IN MOSCOW AND LENINGRAD. I WOULD LIKE
TO KNOW THE STARTING AND COMPLETION TIME OF THE WORKSHOP

BY JANUARY 7.

4. I FEEL THAT THE EARLIER WE CAN START DETAILED PLANNING
OF THE WORKSHOP, THE MORE WE CAN DERIVE FROM THE WORKSHOP
AND THE SMOOTHER WILL BE ITS EXECUTION.

SINCERELY,

EDWIN E. KINTNER
DIRECTOR, DMFE:USERDA

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